FORM PTO-1449 PERPERMATION DISCLOSURE STATEMENT	MMB DOCKET NO. 1007-0561 Emerson Docket No. M-7327	APPLICATION NO. To be assigned 10 1602, 93			
O. Sign	APPLICANT(S): Sheahan et al.				
SP 0 6 2003	FILING DATE: June 24, 2003	GROUP ART UNIT: To be assigned			
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				U.S. P	ATENT I	OCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	,	NAME	CLASS	SUB-CLASS	FILING DATE
n	AA	4,482,953		11/13/1984		Burke		/	
100	AB	4,593,391		06/03/1986		Mizushima et al.		/	
1/4	AC	4,639,917		01/27/1987		Furuta		/	
Ill	AD	4,661,953		04/28/1997	_	Venkatesh et al.			
M	AE	4,755,997		07/05/1988		Takahashi			
1/2	AF	4,924,382		05/08/1990	•	Shouda		X	
Ih	AG	4,970,870	- -	11/20/1990		Midlang et al.	7		
K	AH	5,306,995		04/26/1994		Payne et al.	1		
1/4	AI	5,321,229		06/14/1994		Holling et al.			
IL	AJ	5,350,140		09/27/1994	-	Ripley et al.	1/		
W	AK	5,369,740		11/29/1994		Naylor	1/	. \	
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FORM PTO-1449	MMB DOCKET NO. 1007-0561 Emerson Docket No. M-7327	APPLICATION NO. To be assigned				
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	APPLICANT(S): Sheahan et al.					
SEP 0 4 2003	FILING DATE: June 24, 2003	GROUP ART UNIT: To be assigned				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUB-CLASS	FILING DATE
K	ВА	5,378,874	01/03/1995	·	Holling et al.	1		1
ju	ВВ	5,412,291	05/02/1995		Payne et al.	1	1	
100	BC	5,442,777	08/15/1995		Nakajima et al.	1	 	
Ia	BD	5,471,380	11/28/1995	 -	Itami et al.	1	 / 	
W	BE	5,533,192	07/02/1996		Hawley et al.		1/	
10	BF	5,594,663	01/14/1997		Messaros et al.	1	/	
10	BG	5,611,327	03/18/1997	·	Teixeira Filho et al.	 	$\overline{}$	
K	вн	5,619,614	04/08/1997		Payne et al.			<u></u>
W	BI	5,647,231	07/15/1997		Payne et al.	1/		
- Jac	BJ	5,666,282	09/09/1997		Itami et al.	1/		
W	BK	5,685,623	11/11/1997		Katz et al.	1/		
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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

MMB DOCKET NO. 1007-0561
Emerson Docket No. M-7327

APPLICANT(S): Sheahan et al.

FILING DATE: June 24, 2003

GROUP ART UNIT: To be assigned

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUB-CLASS	FILING DATE
W	CA	5,696,676	12/09/1997		Takaba	1	1	1
W	СВ	5,710,409	01/20/1998		Schwärzbacker et al.		/	
100	СС	5,726,424	03/10/1998		Koether	1	/	
100	CD	5,746,114	05/05/1998		Harris		/	
100	CE	5,799,281	08/25/1998		Login et al.	1	/	
VV	CF	5,818,428	10/06/1998		Eisenbrandt et al.		1	
The	CG	5,839,097	11/17/1998		Klausner	1-7		
ju	СН	5,875,430	02/23/1999		Koether	1-/		
W	CI	5,889,669	03/30/1999		Kagami et al.	1/		
w	Cı	5,914,796	06/22/1999		Selin	 / 	1	
100	СК	5,987,105	11/16/1999		Jenkins et al.	1/	1	
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SEP 0 4 7003	FILING DATE: June 24, 2003	GROUP ART UNIT: To be assigned 21.53
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUB-CLASS	FILING DATE
The	DA	6,055,651	04/25/2000		Sasaki et al.	<u></u>		
h	DB	6,080,972	06/27/2000		May		/	
· Ku	DC	6,121,593	09/19/2000		Mansbery et al.			
K	DD	6,137,095	10/24/2000		Kashimoto et al.		1	
Ja .	DE	6,198,079	03/06/2001		Essig		7	
W	DF	6,227,181	05/08/2001		Suzuki	\bigvee		
M	DG	6,252,503	06/26/2001		Berger et al.			
THE STATE OF THE S	DH	6,256,378	07/03/2001		Iggulden et al.			
W	DI	6,281,481	08/28/2001		Tiemann	7		
The	DJ	6,292,186	09/18/2001		Lehman et al.			
100	DK	6,316,758	11/13/2001		Ubowski et al.	/		
			FOREIGN	PA7	TENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	co	UNTRY	CLASS	SUB-CLASS	TRANSLATION
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Page 5 of 6

APPLICANT(S): Sheahan et al. FILING DATE: June 24, 2003 GROUP ART UNIT: To be assigned 2.153	FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	MMB DOCKET NO. 1007-0561 Emerson Docket No. M-7327	APPLICATION NO. To be assigned .
FILING DATE: June 24, 2003 GROUP ART UNIT: 12-52-23-31-60	- 1 2003	APPLICANT(S): Sheahan et al.	
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				U.S.	PATEN	T DOCUMENTS			
XAMINER NITIAL		DOCUM NUMBE		DATE		NAME	CLASS	SUB-CLASS	FILING DATE
pe	EA	6,324,65	9	11/27/01		Pierro			
- W	EB	6,336,06	5	01/01/02		Gibson et al.		1	
K	EC	6,338,14	8	01/08/2002		Gillenwater et al.		1	
M	ED	6,338,15	2	01/08/2002		Fera et al.		/	
K	EE	6,346,69	2	02/12/2002		Ubowski et al.		1/	
JA.	EF	6,380,86	6	04/30/2002		Sizer, II et al.		1	
The	EG	6,385,49	7	05/07/2002		Ogushi et al.	7	/	
JW.	EH	6,389,33	7	05/14/2002		Kolls	7		
Ju	EI	6,415,0	23	07/02/2002		Iggulden	7		
W	EJ	6,437,6	85	08/20/2002		Hanaki	1/		
m	EK	6,446,3	57	09/10/2002		Woerdehoff et al.	1/		
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INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUB-CLASS	FILING DATE	
ju	FA	6,449,515	09/10/2002		Imoto				
ja	FB	6,466,971	10/15/2002		Humpleman et al.	\perp			
pe	FC	6,480,753	11/12/2002	_	Calder et al.				
la	FD	6,483,695	11/19/2002		Harstein		<u> </u>		
· fu	FE	6,484,274	11/19/2002		Lee et al.	/			
W	FF	6,502,133	12/31/2002		Baulier et al.	/_			
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Page 1 of 1

FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT MMB DOCKET NO. 1007-0561 Emerson Docket No. M-7327 APPLICATION NO. 10/602,933

APPLICANT(S): Sheahan et al.

FILING DATE: June 24, 2003

GROUP ART UNIT: To be assigned

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	<u>.</u>			U.S. PATENT I	DOCUMENTS						
EXAMINER INITIAL		DOC	CUMENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	F	ILING DATE	
Ju	AA	4,06	3,083	December 13, 1977	Cathey et al.	250		199	A	April 21, 1976	
IL	AB	5,04	3,860	August 27, 1991	Koether et al.	364		138	M	lay 12, 1989	
p	AC	5,12	2,893	June 16, 1992	Tolbert	359		152	D	ecember 20, 1990	
IV	AD	5,71	1,606	January 27, 1998	Koether	374		149	0	ctober 27, 1995	
K	AE	5,72	3,846	March 3, 1998	Koether et al.	219		497	Ju	ıly 11, 1995	
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT

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MMB DOCKET NO. 1007-0561 Emerson Docket No. DAC-03-001 APPLICATION NO. 10/602,933

10/602,933

APPLICANT(S): Sheahan et al.

FILING DATE: June 24, 2003

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EXAMINER INITIAL		DOCUMENT NUMBER		DATE		NAME	CLASS	SUB-CLASS	FILING DATE
W	AA	5,442,344		August 15, 19	95	Merkle et al.			
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pe	AL	WO 00/43870	Ju	ıly 27, 2000	PCT				Yes No
W	AM	EP 0 715 235	Ju	ine 5, 1996	EPO				Yes No
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FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	MMB DOCKET NO. 1007-0561	10/6 02
IPE	APPLICANTS; Sheahan et al.	

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FILING DATE: June 24, 2003 GROUP ART UNIT: To be stiffed 9 (5 3

			•	U.S. PATENT	DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CI.ASS	SUB-CLASS	FILING DATE
K.	AA	5,35	59,273	October 25, 1994	Flückiger			
lu	AB	5,68	39,168	November 18, 1997	Bogwicz et al.			
W	AC	5,87	70,035	February 9, 1999	Bjernulf			
	AD	+		·	·			
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	AL	EP (394 177	October 24, 1990	Europe			Yes No
	AM	EP (396 915	November 14, 1990	Europe			Yes No
	AN .	EP (898 003	February 24, 1999	Europe			Yes No
	AO	1 10	6 395	May 10, 1961	Germany			· Yes
·	AP	1 69	0 321	May 13, 1971	Germany			Yes No
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MMB DOCKET NO. 1007-0561

APPLICATION NO. 10/602,933

APPLICANTS: Sheahan et al.

FILING DATE: June 24, 2003

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pe	BL	DE 1	100 35 642	December 13, 2001	Germany			Yes No
W	ВМ	GB 2	2 343 996	May 24, 2000	Great Britain			Yes No
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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

MMB DOCKET NO. 1007-0561
Emerson Docket No. DAC-03-001

APPLICATION NO. 10/602,933

APPLICANT(S): Sheahan et al.

FILING DATE: June 24, 2003

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EXAMINER INITIAL		DOCU	JMENT BER		DATE		NAME	CLASS	SUB-CLASS	FILING DATE
KU	ĄΑ	5 345	230		September 6, 1	994	Jackson et al.			
The	AB	5 442	344		August 15, 199	95	Merkle et al.			
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EXAMINER INITIAL		DOCU NUMI	JMENT BER	DA	ATE	COUNT	RY	CLASS	SUB-CLASS	TRANSLATION
K.	AL	woo	00/43870	Ju	ly 27, 2000	PCT				Yes No
le	АМ	EP 0 7	15 235	Jui	ne 5, 1996	EPO				Yes No
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MMB DOCKET NO.: 1007-0561 EAC DOCKET NO.: DAC-03-001 APPLICATION NO.: 10/602,933 FORM PTO-1449 WFORMATION DISCLOSURE STATEMENT APPLICANTS: Sheahan et al. FILING DATE: June 24, 2003 GROUP ART UNIT: 2143

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EXAMINEI INITIAL	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
IL	AA	4,001,578	January 4, 1977	Cook et al.	1				
T	AB	4,023,887	May 17, 1977	Speers					
	AC	4,259,570	March 31, 1981	Leonard		/			
	AD	4,329,684	May 11, 1982	Monteath et al.		/			
	AE	4,572,927	February 25, 1986	Huft	1	/			
	AF	4,628,443	December 9, 1986	Rickard et al.	1	/			
-	AG	4,631,726	December 23, 1986	Schoon		X			
	AH	4,633,522	December 30, 1986	Yamamoto et al.	/				
	Al	4,634,845	January 6, 1987	Hale et al.					
	AJ	4,638,299	January 20, 1987	Campbell	/				
4	AK	4,680,811	July 14, 1987	Harper et al.	/ .				
			FOREIGN PATEN	T DOCUMENTS	17				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
Ke	AL	WO 95/28615	October 26, 1995	PCT	1		Yes		
16	. AM	WO 99/41856	August 19, 1999	РСТ		\times	No Yes		
	AN						No		
•	1						Yes No		
	AO						Yes		
							No		
	AP						Yes		
	<u> </u>			<u> </u>			No		
	OTHER (Including Author, Title, Date, Pertinent Pages, etc.)								
	AQ 1 Christine C. Lee, Photocouplers: Performing Big in Small Spaces, Appliance Engineer, January 2003, pp.90-92 (3 pages)								
	AR	1							
	AS	Dr //	•	•					
EXAMINER			KRISN	A LiM	DATE	CONSIDERED	1/17/02		
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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

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MMB DOCKET NO.: 1007-0561 EAC DOCKET NO.: DAC-03-001	APPLICATION NO.: 10/602,933
APPLICANTS: Sheahan et al.	
FILING DATE: June 24, 2003	GROUP ART UNIT: 2449
	21.52

			U.S. PATENT DO	CUMENTS		·	
EXAMINER	τ-		U.S. PATENT DO				
INITIAL		DOCUMENT NUMBE	R DATE	NAME	CLASS	SUB-CLASS	FILING DATE
III	BA	4,773,032	September 20, 1988	Uehara et al.	1	/	
	ВВ	4,868,893	September 19, 1989	Hammond			
	ВС	4,870,264	September 26, 1989	Beha		 	
	BD	4,907,250	March 6, 1990	Ricks	1	 	<u> </u>
	BE	4,941,205	July 10, 1990	Horst et al.	1	 	
	BF	4,957,348	September 18, 1990	May		//	
	BG	4,977,394	December 11, 1990	Manson et al.		X	
	вн	5,065,456	November 12, 1991	Nakayama	1 7		
	BI	5,093,879	March 3, 1992	Bregman et al.	1 /		
	BJ	5,212,888	May 25, 1993	Cary et al.	17		
V	BK	5,274,673	December 28, 1993	Kaharu et al.	1./		
			FOREIGN PATEN	T DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER		COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL				027133	30B-CLA33	Yes
 	<u> </u>						No
	BM						Yes
	BN		 				No
	DIV						Yes
	ВО			 			No
				ı			Yes No
-	BP						Yes
			İ				No
		ОТН	ER (Including Author, Title	, Date, Pertinent Pa	geś, etc.)		
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	BR	2	* Y				<u>.</u>
	BS	2					
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			U.S. PATENT DOC	CUMENTS		······· <u>·</u> ······	

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	MMB DOCKET NO.: 1007-0561 EAC DOCKET NO.: DAC-03-001	APPLICATION NO.: 10/602,933
	APPLICANTS: Sheahan et al.	
	FILING DATE: June 24, 2003	GROUP ART UNIT: 2143
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			U.S. PATENT DO	CUMENTS			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
K	CA	5,285,375	February 8, 1994	Kim	1	/	
7	СВ	5,483,200	January 9, 1996	Okabayashi et al.			
	СС	5,587,795	December 24, 1996	Williams		/	
	CD	5,627,727	May 6, 1997	Aguilera et al.			-
	CE	5,666,274	September 9, 1997	Corso	\	1	
	CF	5,701,187	December 23, 1997	Uchio et al.		V	
	CG	5,778,550	July 14, 1998	Carli et al.		/ -	
	СН	5,784,253	July 21, 1998	Ooka et al.	/	\ .	
	CI	5,798,520	August 25, 1998	Kuijk et al.			
1	CJ	5,861,968	January 19, 1999	Kerklaan et al.	17		
V	CK	5,963,145	October 5, 1999	Escobosa	1/		
			FOREIGN PATENT	DOCUMENTS	' 	·	
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	CL						Yes
				<u>.</u>			No
	CM						Yes
 -	CN		,				No Yes
0							No
	со						Yes
				·		_	No
•	СР						Yes No
	L	OTHE	R (Including Author, Title	Date Pertinent Page	s etc.)	-	- 140
	CQ	3		, , , , , , , , , , , , , , , , , , , ,	-,		
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	cs	32/					
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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

EAC DOCKET NO.: 1007-0561	APPLICATION NO.: 10/502,933			
APPLICANTS: Sheahan et al.	<u> </u>			
FILING DATE: June 24, 2003	GROUP ART UNIT: 2143			

<u> </u>			U.S. PATENT DO	CUMENTS			
EXAMINER INITIAL		. DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
K	DA	6,218,870	April 17, 2001	Wilson	1	7	
7	DB	6,333,801	December 25, 2001	Yoshinaga	1		
	DC	6,356,376	March 12, 2002	Tonar et al.	1	/	
	DD	6,369,924	April 9, 2002	Scharf et al.		/	
	DE	6,462,328	October 8, 2002	Toyoda		V———	
	DF	6,497,368	December 24, 2002	Friend et al.		\	
	DG	6,507,022	January 14, 2003	Salmond et al.	17	\	
	DH	6,528,808	March 4, 2003	Takiguchi			
	Dì	6,530,784	March 11, 2003	Yim et al.	17		
	DJ	6,717,528	April 6, 2004	Burleson et al.			
V	DK	6,760,688	July 6, 2004	Suzuki et al.	1		
			FOREIGN PATEN	T DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DL	·				·	· Yes
L	DM				1.		No Yes
			, <u> </u>				No
	DN						Yes No
	DO				1		Yes
	200						No
	DP						Yes No
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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

MMB DOCKET NO.: 1007-0561 EAC DOCKET NO.: DAC-03-001	APPLICATION NO.: 10/602,933				
APPLICANTS: Sheahan et al.					
Ell ING DATE: June 24 2002	COOLD ADTIBUT CARE				

			U.S. PATENT DO	CUMENTS		·	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
K	EA	6,812,881	November 2, 2004	Mullaly et al.		/	
Ill	EB	6,839,563	January 4, 2005	Kirby et al.		/	
1/2	EC	6,919,815	July 19, 2005	Peterson		 	
pe	ED	Re. 35,566	July 22, 1997	Boyer et al.		/	
W	EE	2002/0070846	June 13, 2002	Bastian, II et al.		X	
Kt	EF	2002/0105432	August 8, 2002	Pederson et al.			
The	EG	2002/0184385	December 05, 2002	Kato	/		
le	ЕН	2002/0190956	December 19, 2002	Klein et al.	/		
	EI				7 -		
	EJ		**				
	EK		,				
			FOREIGN PATENT	DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	EL			COUNTRI	CLASS	30B-CLA33	Yes
	F14			·			No
	ЕМ						Yes
	EN		-	 			, No Yes
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